Amendments to the Abstract:

Please replace the Abstract on page 20 of the application as filed with the following Abstract. A clean copy of the Abstract identified as page 20 is attached for scanning purposes by the USPTO. No new matter has been added.

~~The invention relates to a~~ A method for processing a computer aided polygon model, ~~and to a~~ device and computer program for implementing the method are disclosed. The ~~invention~~ method comprises presenting the polygon model with a linear and static vertex array (304A) and with a linear index array (306A) including vertex array pointers. The hierarchical information on the vertices of the polygon model part to be presented graphically is included in a hierarchical data structure (302A) pointing indirectly at the vertices of the vertex array (304A) through the index array (306A), the hierarchical data structure (302A) being used in reducing the polygon model part to be presented graphically. The invention allows an effective way to reduce the size of the polygon model part to be presented graphically such that the reduction affects the appearance of the polygon model as little as possible. ~~(Figure 3A)~~